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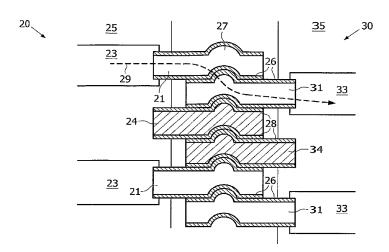
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(57) **Abstract:** An electrical zipper-type connector is provided which can be used in wearable electronics applications. The connector has a first connector part (20) with an array of connector members (21, 24) and a second connector part (30) with an array of connector members. The first and second connector parts (20, 30) have contacts for forming a conductive path when the connector parts (20, 30) are mated with one another. Once the connector parts (20, 30) have been mated a force is applied between the contacts, which maintains them in electrical contact. The force can be applied in a variety of *ways*, such as by: a resilient coating (26) on the connector parts; a cord which pulls the connector parts together; having one connector part clasp the other connector part; or binding the connector parts together. Alternatively, the first connector part can comprise a set of teeth that provide mechanical alignment and interconnection and a flexible strap (615) that carries contacts.

) 2005/101582 A1

WO 2005/101582 A1

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